

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,738,179 B2  
APPLICATION NO. : 09/994790  
DATED : May 18, 2004  
INVENTOR(S) : Fumio Futami et al.

Page 1 of 1

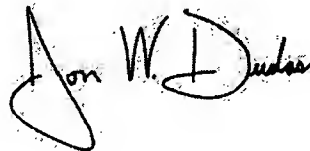
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page

Item [56] Other Publications, M. Suzuki reference, Col. 2, Line 13, change "GainAsP"  
to --GalnAsP--.

Signed and Sealed this

Seventeenth Day of April, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*